

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	24	prepro insulin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/26 10:46
L2	37	pre-insulin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/26 10:47
L3	373	pro-insulin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/26 10:46
L4	3493	proinsulin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/09/26 10:47
L5	14	preinsulin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/26 10:47
L6	2026	(I1 or L2 or L3 or L4) yeast (construct or plasmid or vector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/09/26 10:48
L8	33	I6 kex	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/09/26 11:16
L9	144	I6 (mox or fmdh or fmd or dhas or Mox-p or fmdh-p or fmd-p or dhas-p)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/09/26 12:09

## EAST Search History

L10	32	I8 human	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/09/26 10:49
L11	144	I9 human	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/09/26 10:49
L12	498	I6 hansenula	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/09/26 10:49
L13	18	I10 hansenula	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/09/26 11:15
L14	137	I11 hansenula	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/09/26 10:50
L15	110	I6 (kex2 or kex-2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/09/26 11:17
L16	106	I15 human	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/09/26 11:17
L17	44	I16 hansenula	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/09/26 11:21

## EAST Search History

L18	39	"4916212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/09/26 11:21
L19	361	l6 methanol oxidase promoter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/09/26 12:09
L20	21	methanol oxidase promoter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/26 12:17
L21	2	l20 l6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/09/26 12:09
L22	2575	schwanniomyces occidentalis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/26 12:20
L23	368	l6 l22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/09/26 12:18
L24	368	l23 human	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/09/26 12:19
L25	1	l24 (kex or Kex2 or Kex-2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/09/26 12:19

## EAST Search History

L27	2	schwanniomyces occidentalis glucoamylase signal peptide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/26 12:20
L28	2	I22 glucoamylase signal peptide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/26 12:20
L29	11	I22 glucoamylase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/26 12:25
L32	21	GAM1 signal sequence	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/09/26 12:25
L33	10	GAM1 signal sequence	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	WITH	ON	2007/09/26 12:31
L34	5	"5672487"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/09/26 12:58
L35	7	"6521738"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/09/26 12:32
L36	6	"5885821"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/09/26 12:32

## EAST Search History

L37	39	"4916212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/09/26 12:32
L44	37	carcinus maenas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/26 12:33
L45	154	crab hyperglycemic hormone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/09/26 12:57
L47	149	l45 yeast	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/09/26 12:57
S1	39	"5395922"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/08 09:57
S2	3950	insulin yeast glucoamylase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/06/08 10:16
S3	1	crustacean hyperglycemic hormone signal peptide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/08 09:58
S4	3812	S2 (DNA or nucleic acid) promoter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/06/08 10:00

## EAST Search History

S5	2427	S4 occidentalis	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/06/08 10:00
S7	243	S6 (1-29)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/06/08 10:01
S8	236	S7 (1-21)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/06/08 10:01
S9	236	S8 peptide bond	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/06/08 10:01
S10	2405	S5 schwanniomyces	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/06/08 10:21
S11	0	insulin yeast glucoamylase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	ON	2007/06/08 10:16
S12	2	insulin yeast glucoamylase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	WITH	ON	2007/06/08 10:19
S13	18	insulin yeast glucoamylase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	SAME	ON	2007/06/08 10:51

## EAST Search History

S14	2403	S10 encoding insulin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/06/08 10:22
S15	11	schwanniomyces occidentalis glucoamylase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/08 10:53
S16	2	S15 insulin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/06/08 10:57
S17	5	carcinus maenas hyperglycemic hormone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/08 10:57



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## Search

## Most Recent Queries

**Time Result**

<a href="#">#23</a> Search <b>hansenula polymorpha yeast insulin</b>	14:53:34	<a href="#">4</a>
<a href="#">#22</a> Search <b>hansenula polymorpha yeast</b>	14:53:25	<a href="#">468</a>
<a href="#">#21</a> Search <b>schwanniomyces glucoamylase</b>	14:52:50	<a href="#">17</a>
<a href="#">#20</a> Search <b>schwanniomyces insulin</b>	14:52:28	<a href="#">0</a>
<a href="#">#15</a> Search <b>hyperglycemic crab</b>	14:49:59	<a href="#">74</a>
<a href="#">#18</a> Search <b>"Weidemann W"[Author]</b>	14:49:36	<a href="#">20</a>
<a href="#">#16</a> Search <b>hyperglycemic crab insulin</b>	14:48:24	<a href="#">1</a>
<a href="#">#8</a> Search <b>insulin yeast hyperglycemic hormone</b>	14:47:00	<a href="#">5</a>
<a href="#">#7</a> Search <b>insulin yeast hyperglycemic</b>	14:46:42	<a href="#">6</a>
<a href="#">#6</a> Search <b>insulin yeast promoter kex2</b>	14:46:01	<a href="#">1</a>
<a href="#">#4</a> Search <b>insulin yeast promoter</b>	14:45:43	<a href="#">52</a>
<a href="#">#3</a> Search <b>insulin yeast</b>	14:44:37	<a href="#">753</a>
<a href="#">#2</a> Search <b>pre pro insulin yeast</b>	14:44:12	<a href="#">7</a>
<a href="#">#1</a> Search <b>pre pro insulin</b>	14:44:06	<a href="#">94</a>

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